000TT0"8T66Z460

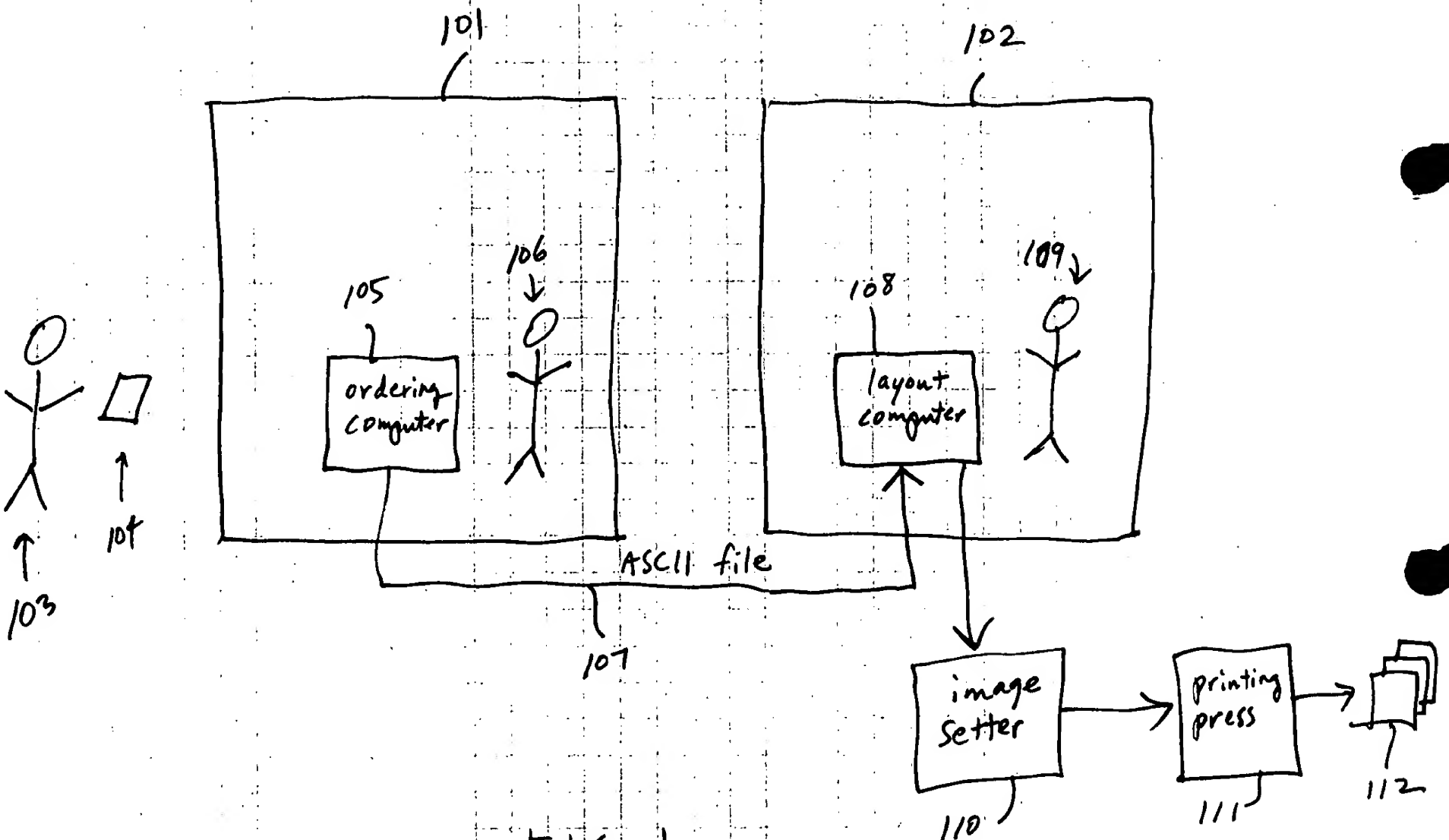

FIG. 1
(prior art)

DOCTO" 8T667460

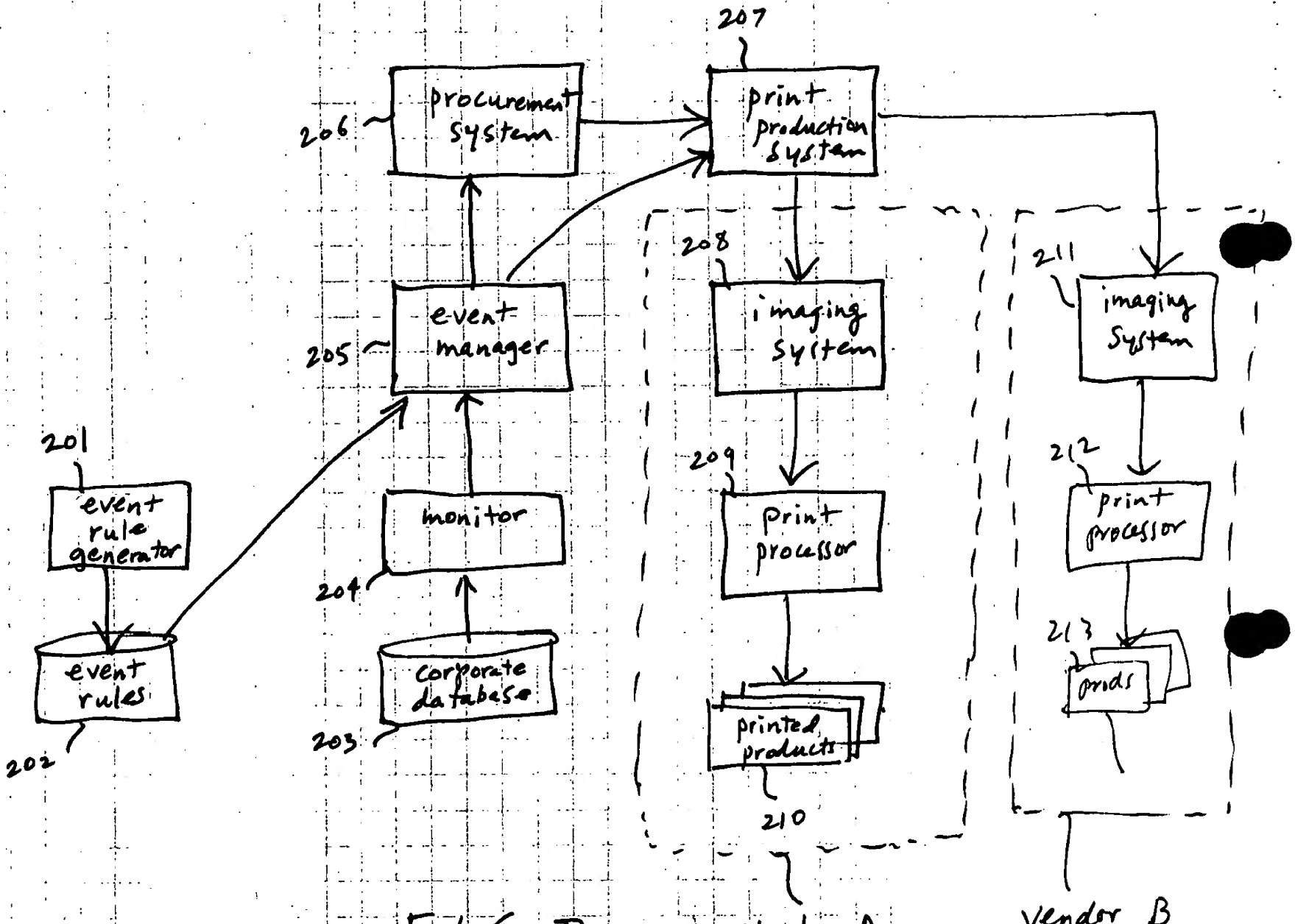

FIG. 2

000TT0"8T66Z4b0

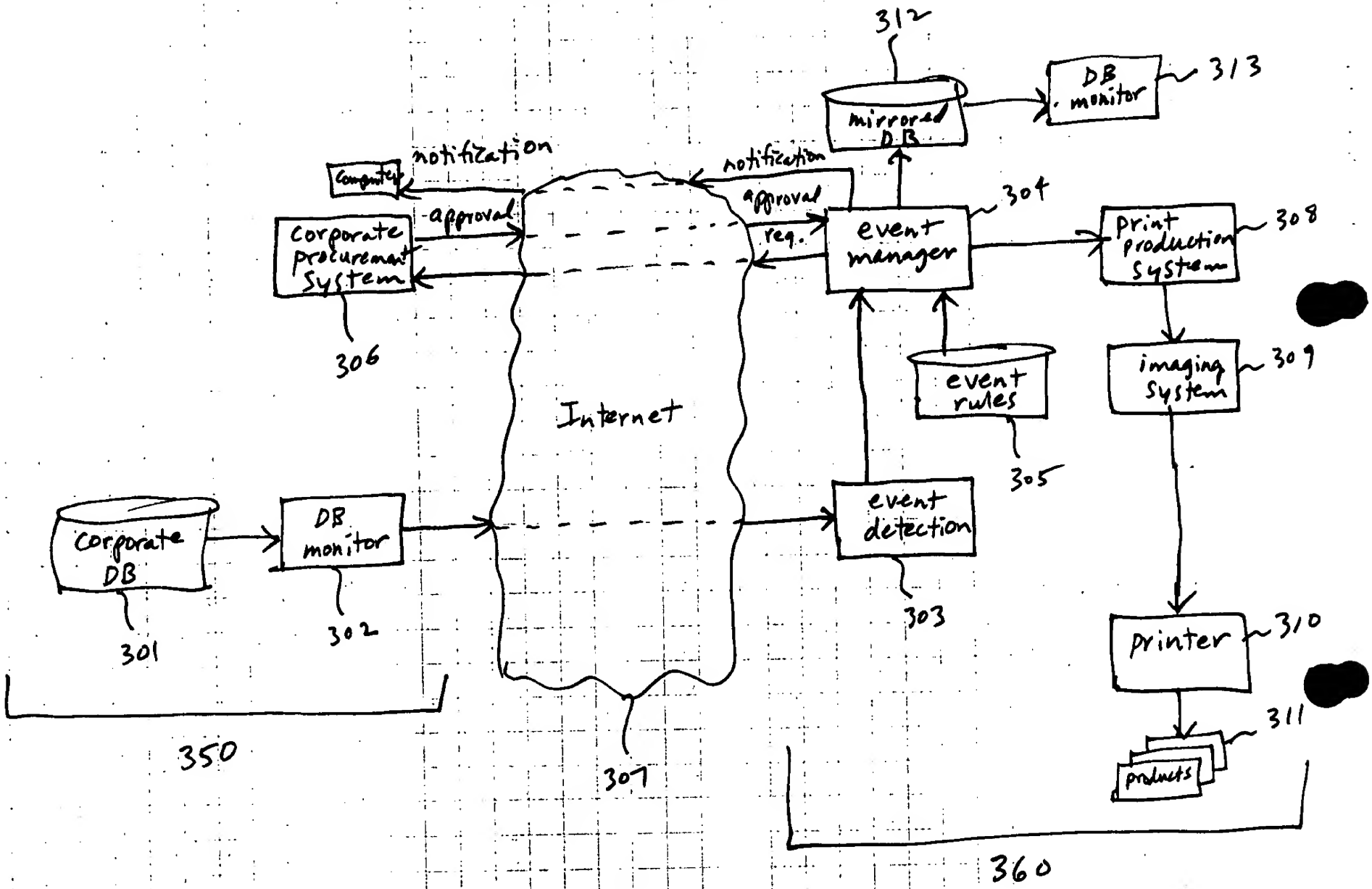

FIG. 3

0007F0"8766260

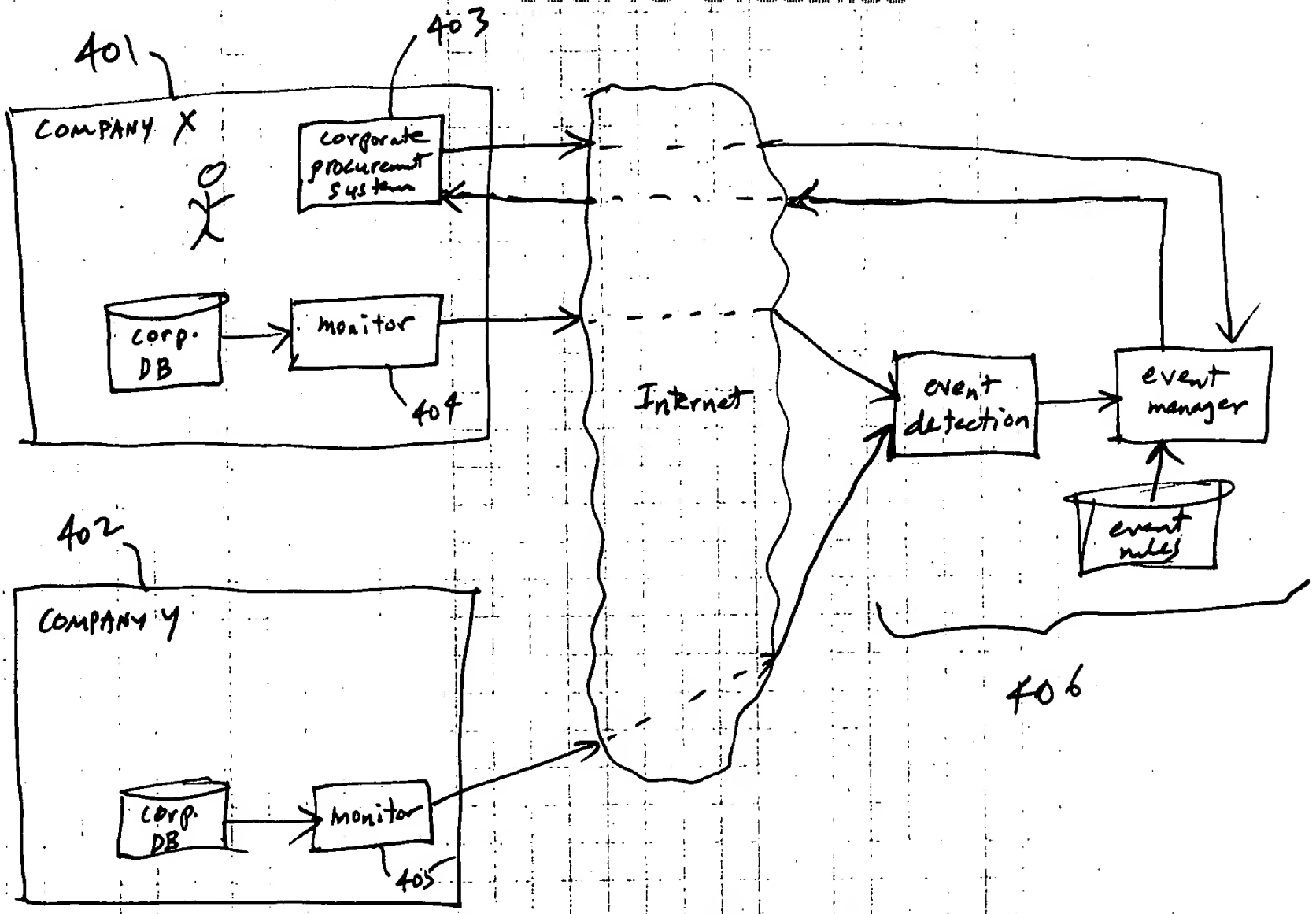

FIG. 4

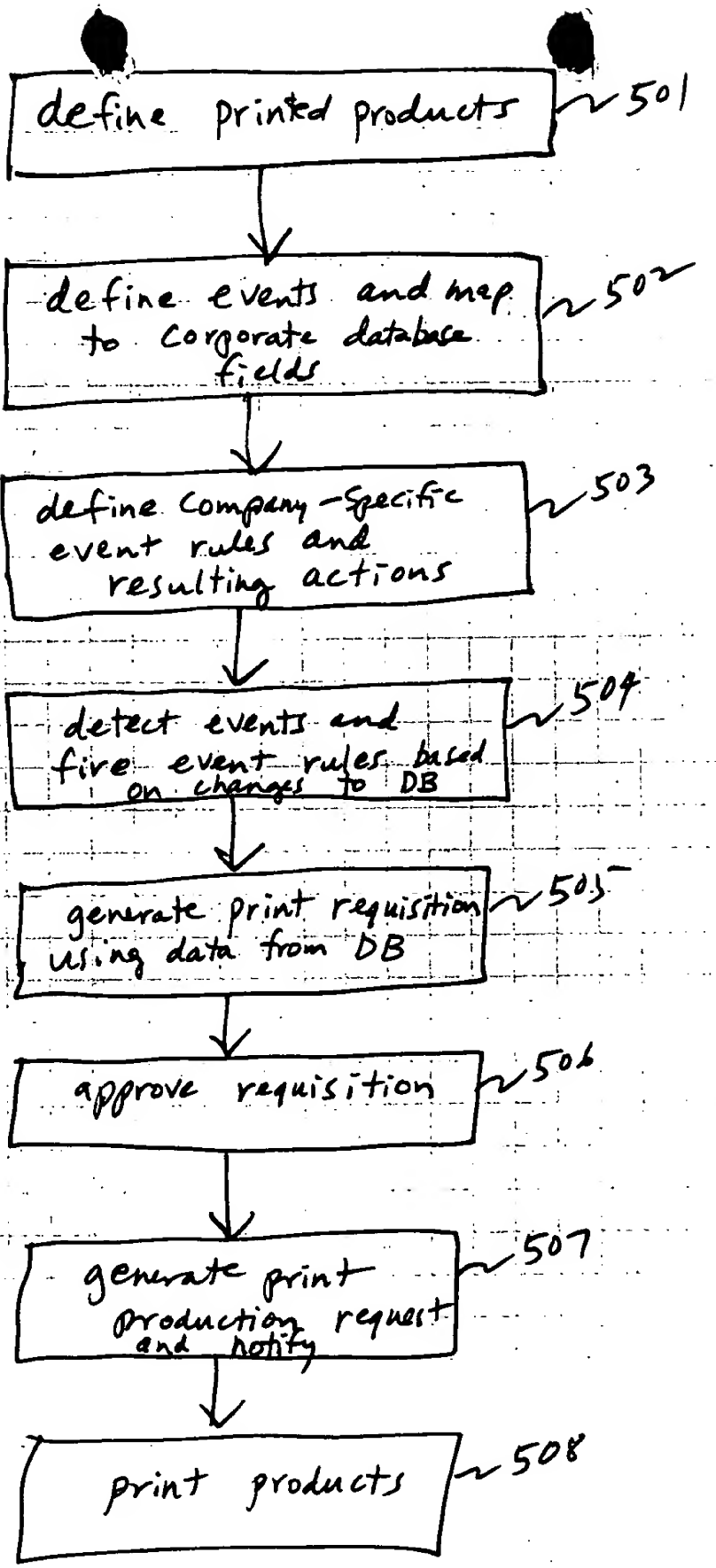
define printed products
501
define events and map to corporate database fields
502
define company-specific event rules and resulting actions
503
detect events and fire event rules based on changes to DB
504
generate print requisition using data from DB
505
approve requisition
506
generate print production request and notify
507
print products
508

FIG. 5

000770 8766260

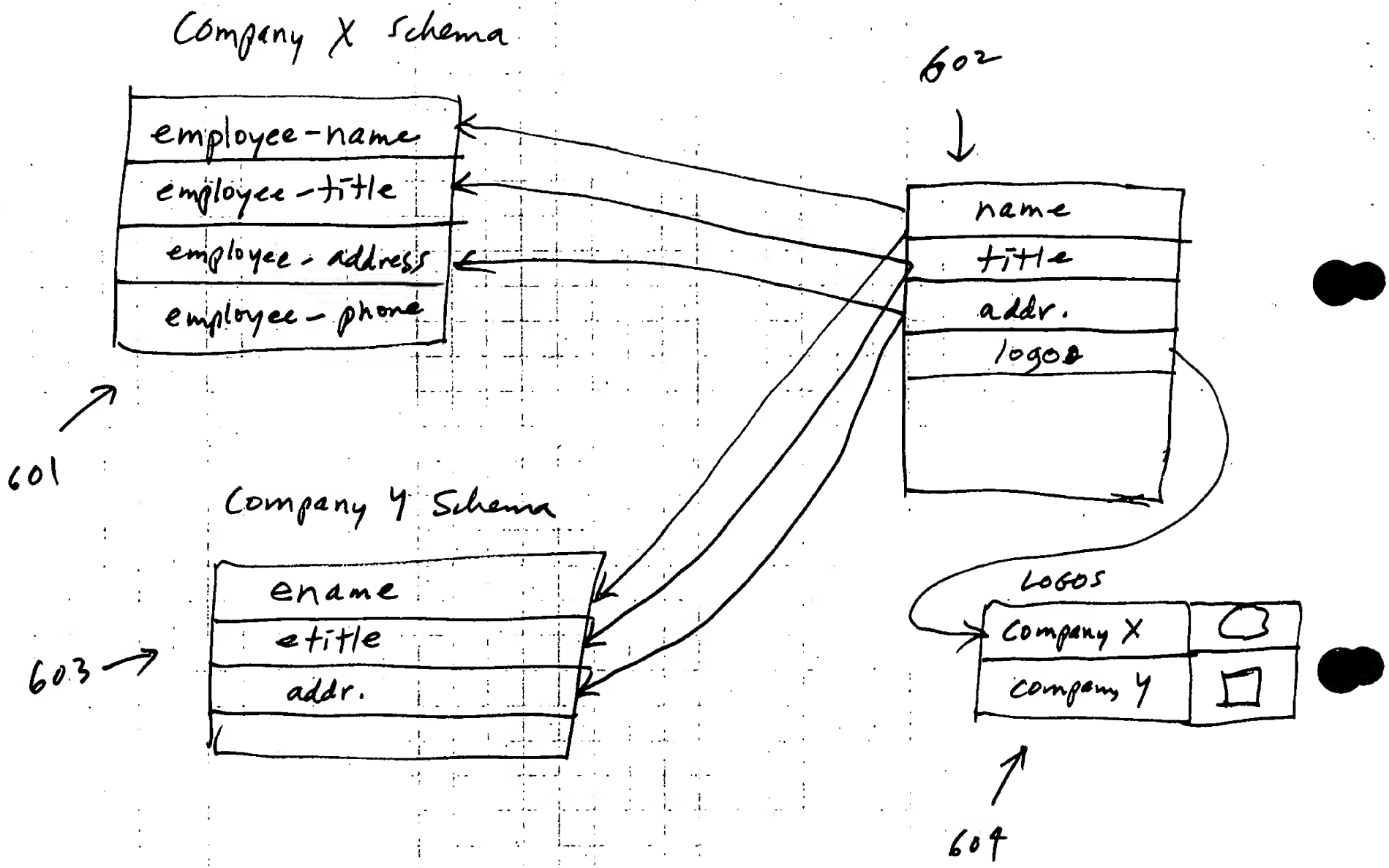

FIG. 6

00070"8766260

IF (new-employee) THEN GENERATE

(ORDER: business-cards-B-$^{company\,X}$ → generate print production request with formatting parameters for style "B" of company X

USING: new-employee-info → extract new-employee-info from event record; query other info if needed.

COST: less-than: $20 → locate print vendor meeting this criteria

DELIVERY: less-than: 3 days → locate print vendor meeting this criteria

SHIP TO: employee-facility → generate shipping label; notify shipper of pick-up date

NOTIFY: new-employee-name, HR-administrator) → send e-mails to specified persons when order is shipped

FIG. 7

0007708"8T66Ch60

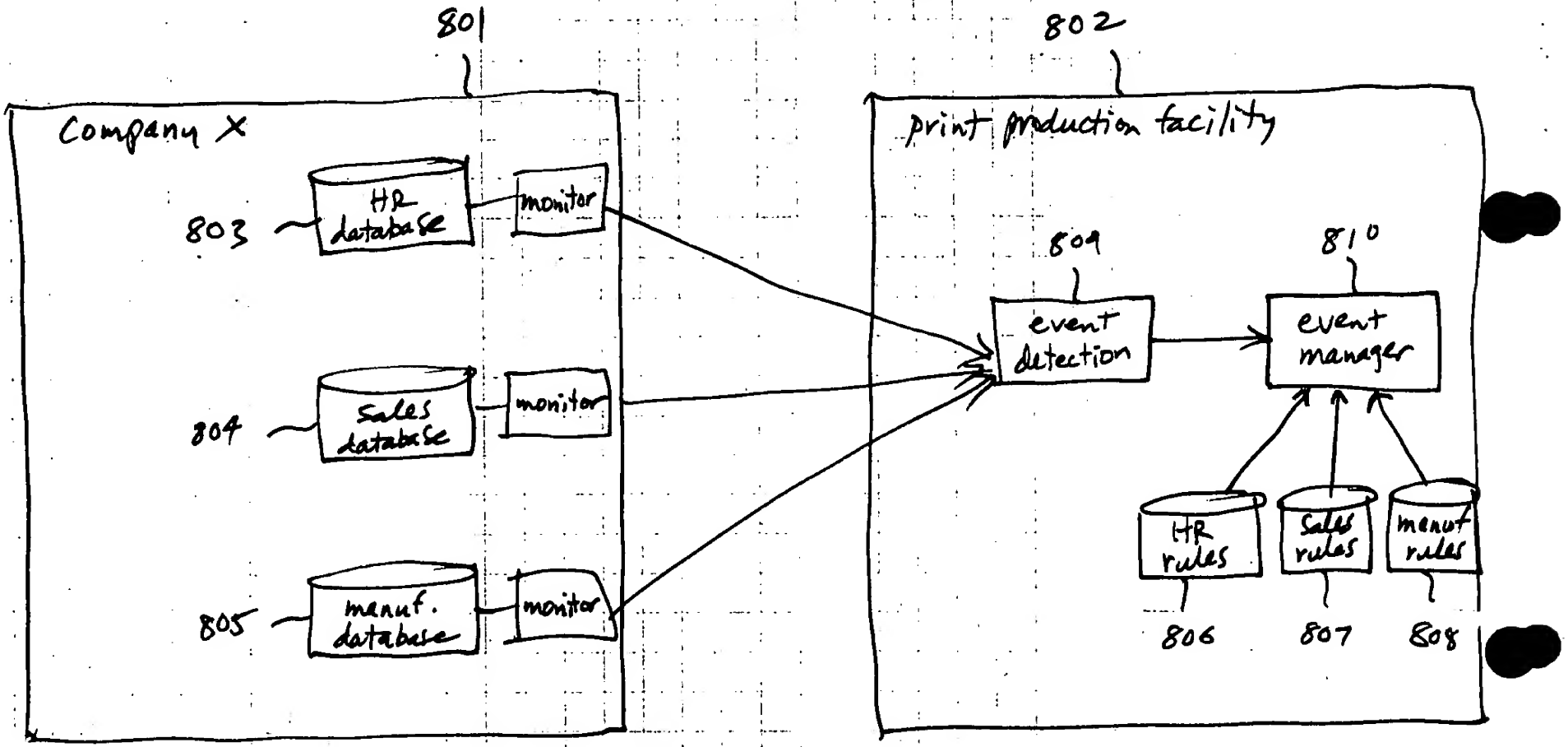

FIG. 8

[redacted]t Rules - [redacted]man Resources

1. Generate [Business Card ▽] ~ 901

2. When: ~ 902

A. [New Employee Added ▽] ~ 903

- New Employee Loc.
- New Employee Title
- New Employee Phone
- New Employee Fax
- New Employee E-Mail

3. Release Job ~ 904

- O Automatically Release ~ 905
- O Release After ~ 906
  - o optimum # in queue
  - o [ ] items in queue
  - o waiting for [ ] days
- O Always wait for approval for release from ~ 907
  - o _____ @ _____ [OR ▽ / AND]
  - o _____ @ _____

4. Shipping
- o Ship when order Complete ~ 908
- O Hold until _____
- O Ship to _____

909 [Save]

Figure 9

00770 8766460

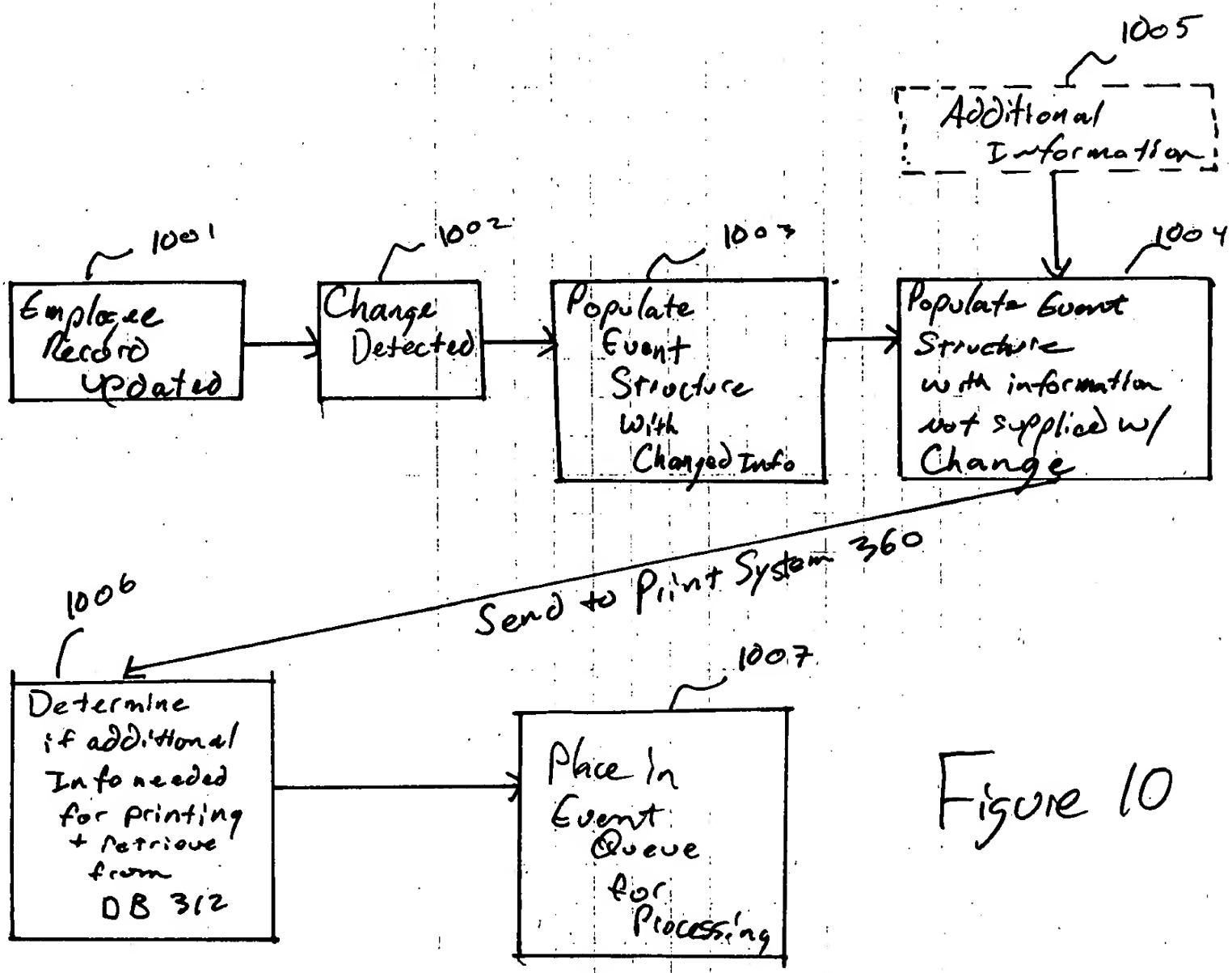

Figure 10

00000"8766460

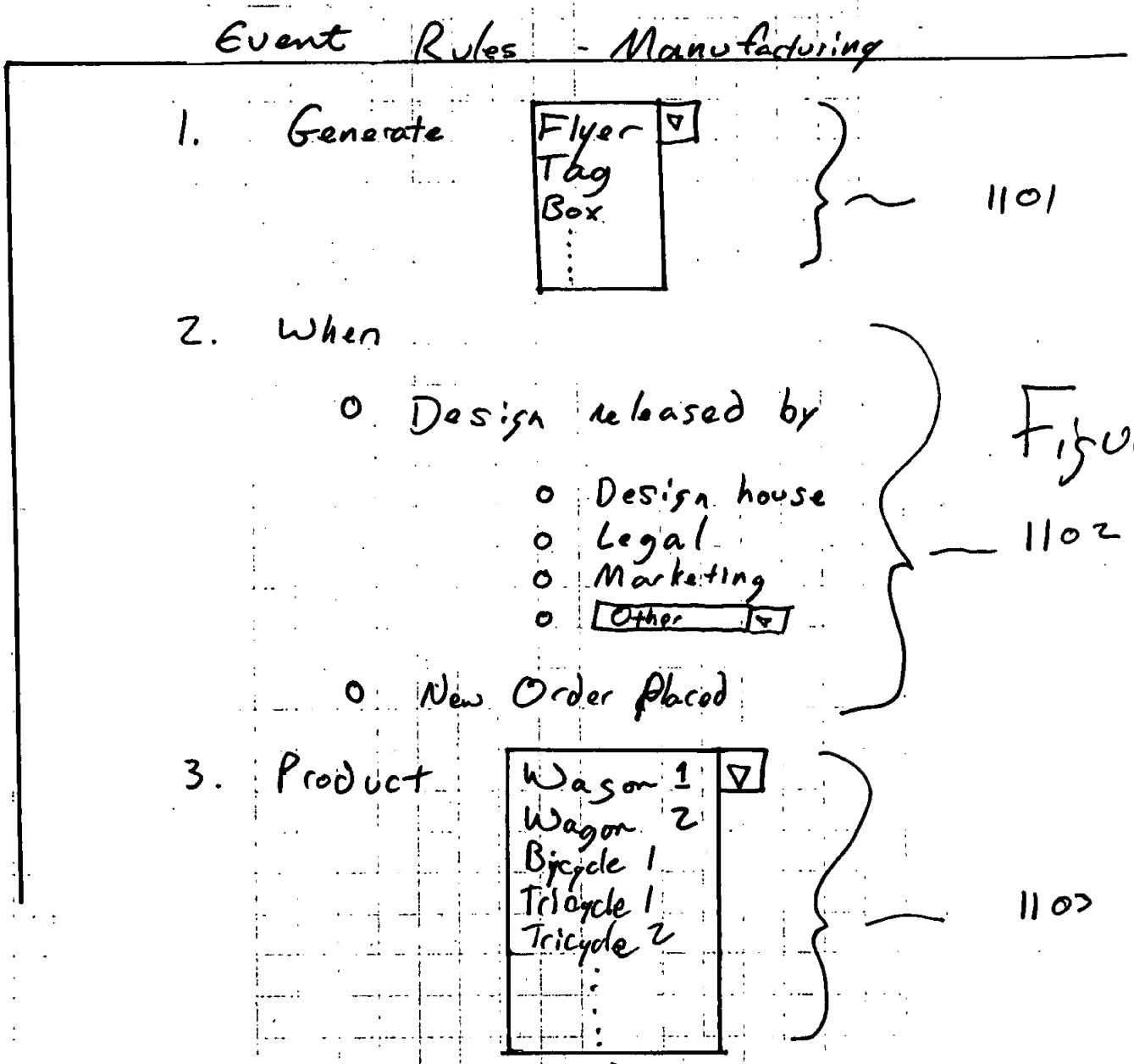

Figure 11

0007T0"8T66Z460

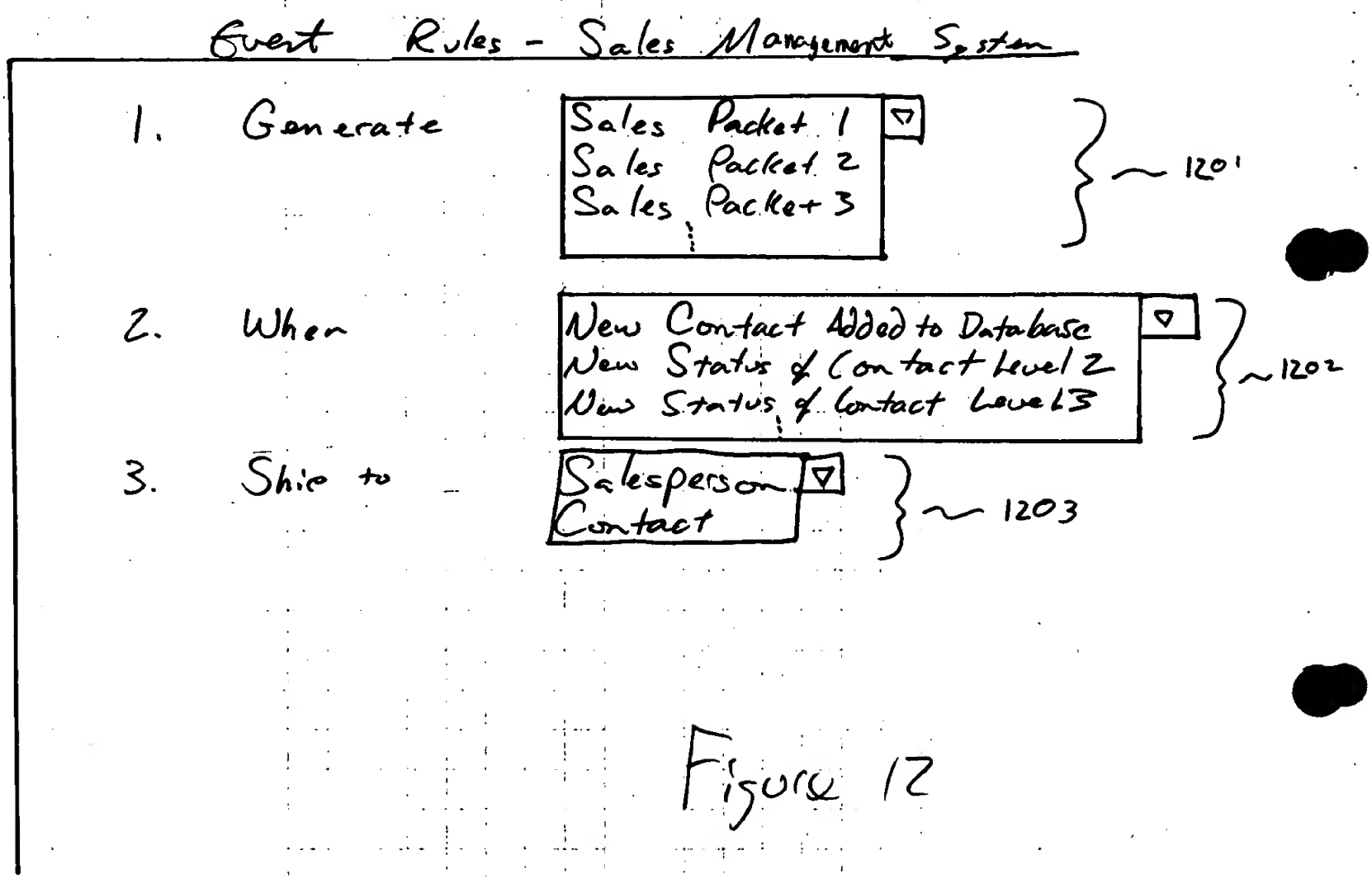

Figure 12

000TT0" 8T66Ch60

Event Rules - Inventory Control System

1. Generate [Brochure / Flyer / ⋮] ~ 1301

2. When

- Inventory Falls Below [1000] ~ 130a
- Every [90] days ~ 130b

Figure 13

0007TO"8T66Z4h60

Event Rules - Publishing Environment

1. Generate [Reprints ▽ / Covers / ⋮] ~1401

2. When
   - o Orders exceed [1000 ▲▼] copies ~1402
   - o Pending time exceeds [4 ▲▼] weeks ~1403

3. Publication [Magazine 1 ▽ / Anthology 2 / Book 3 / Book 4 / ⋮] ~1404

4. Increase order by [5 ▲▼] %. ~1405

Figure 14

Production Rules

1. For [Business Card ▽ / Sales Brochure / Letterhead / Announcement / Bulk Paper] ~1501

14. Employee is [Mgmt ▽ / Sales / Officer / . . .] 1502

2. Use media type [01 ▲ / 02 / 03 / 04 / 05 / 06 / 07 / 08 ▽] ~1503

3. Use Template [402 ▲ / 403 / 404 ▽] ~1504

4. Use Logo Company image 1 —1505

5. Report [Order to] _____ — 1506

6. Client Database _____ — 1507

7. Wait for approval for release from ○ _____ @ _____ 1508

1509
8. Route Job to
   - ○ printer closest to ____
   - ○ qualifying printer

Figure 15